RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _/0/564,378_

Source: _1FWO_

Date Processed by STIC: _8/22/06_

ENTERED

IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/564,378

DATE: 08/22/2006
TIME: 09:58:59

Input Set : **F:\51457-20020.00 - Seqlist.txt**
Output Set: **N:\CRF4\08222006\J564378.raw**

```
     4 <110> APPLICANT: LI, Ze
     5         TAO, Shengce
     6         CHENG, Jing
     8 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING
     9         SARS VIRUS AND OTHER INFECTIOUS AGENTS
    11 <130> FILE REFERENCE: 514572002000
    13 <140> CURRENT APPLICATION NUMBER: US 10/564,378
C--> 14 <141> CURRENT FILING DATE: 2006-01-11
    16 <150> PRIOR APPLICATION NUMBER: PCT/CN2003/000561
    17 <151> PRIOR FILING DATE: 2003-07-14
    19 <160> NUMBER OF SEQ ID NOS: 945
    21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    23 <210> SEQ ID NO: 1
    24 <211> LENGTH: 19
    25 <212> TYPE: DNA
    26 <213> ORGANISM: Artificial Sequence
    28 <220> FEATURE:
    29 <223> OTHER INFORMATION: Primer
    31 <400> SEQUENCE: 1
    32 tttgtgcgac aatgcttca                                        19
    34 <210> SEQ ID NO: 2
    35 <211> LENGTH: 20
    36 <212> TYPE: DNA
    37 <213> ORGANISM: Artificial Sequence
    39 <220> FEATURE:
    40 <223> OTHER INFORMATION: Primer
    42 <400> SEQUENCE: 2
    43 gacatttgag aaagcttgcc                                       20
    45 <210> SEQ ID NO: 3
    46 <211> LENGTH: 20
    47 <212> TYPE: DNA
    48 <213> ORGANISM: Artificial Sequence
    50 <220> FEATURE:
    51 <223> OTHER INFORMATION: Primer
W--> 53 <221> NAME/KEY: misc_feature
    54 <222> LOCATION: 12
    55 <223> OTHER INFORMATION: n = a, c, g, or t
W--> 57 <400> 3
W--> 58 agggacaacc tngaacctgg                                      20
    60 <210> SEQ ID NO: 4
    61 <211> LENGTH: 22
    62 <212> TYPE: DNA
    63 <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING   DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378   TIME: 09:58:59

Input Set : F:\51457-20020.00 - Seqlist.txt
Output Set: N:\CRF4\08222006\J564378.raw

```
65  <220> FEATURE:
66  <223> OTHER INFORMATION: Primer
68  <400> SEQUENCE: 4
69  aggagttgaa ccaagacgca tt                              22
71  <210> SEQ ID NO: 5
72  <211> LENGTH: 22
73  <212> TYPE: DNA
74  <213> ORGANISM: Artificial Sequence
76  <220> FEATURE:
77  <223> OTHER INFORMATION: Primer
79  <400> SEQUENCE: 5
80  accacattcc cttatactgg ag                              22
82  <210> SEQ ID NO: 6
83  <211> LENGTH: 24
84  <212> TYPE: DNA
85  <213> ORGANISM: Artificial Sequence
87  <220> FEATURE:
88  <223> OTHER INFORMATION: Primer
90  <400> SEQUENCE: 6
91  ttagtcatca tctttctcac aaca                            24
93  <210> SEQ ID NO: 7
94  <211> LENGTH: 22
95  <212> TYPE: DNA
96  <213> ORGANISM: Artificial Sequence
98  <220> FEATURE:
99  <223> OTHER INFORMATION: Primer
101 <400> SEQUENCE: 7
102 acaaattgct tcaaatgaga ac                              22
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 22
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer
112 <400> SEQUENCE: 8
113 tgtctccgaa gaaataagat cc                              22
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Primer
123 <400> SEQUENCE: 9
124 gcgcagagac ttgaagatgt                                 20
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 18
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
```

RAW SEQUENCE LISTING   DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378   TIME: 09:58:59

Input Set : **F:\51457-20020.00 - Seqlist.txt**
Output Set: **N:\CRF4\08222006\J564378.raw**

```
132 <223> OTHER INFORMATION: Primer
134 <400> SEQUENCE: 10
135 ccttccgtag aaggcccct                                    18
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 21
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Primer
145 <400> SEQUENCE: 11
146 cacaatggca gaatttagtg a                                  21
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 20
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Primer
156 <400> SEQUENCE: 12
157 gtcagtttga tcccgtagtg                                    20
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 20
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Primer
167 <400> SEQUENCE: 13
168 cagatcccag agtggactca                                    20
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 22
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Primer
178 <400> SEQUENCE: 14
179 tgtattaccc aagggttgtt ac                                 22
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 22
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Primer
189 <400> SEQUENCE: 15
190 gatcagcatg acagtaacag ga                                 22
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 22
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Primer
```

RAW SEQUENCE LISTING   DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378   TIME: 09:58:59

Input Set : F:\51457-20020.00 - Seqlist.txt
Output Set: N:\CRF4\08222006\J564378.raw

```
200 <400> SEQUENCE: 16
201 atgttcggta aaagtcgttt at                                    22
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 20
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Primer
211 <400> SEQUENCE: 17
212 ccacagggga gattccaaag                                       20
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 23
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Primer
222 <400> SEQUENCE: 18
223 gacattcttc ctgattcata atc                                   23
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 22
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Primer
233 <400> SEQUENCE: 19
234 caaacaacgg tagaccaata ta                                    22
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 24
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Primer
244 <400> SEQUENCE: 20
245 aggttcagta tctatcacag tctt                                  24
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 21
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Primer
255 <400> SEQUENCE: 21
256 atgtccaaca tggatattga c                                     21
258 <210> SEQ ID NO: 22
259 <211> LENGTH: 21
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Primer
266 <400> SEQUENCE: 22
```

RAW SEQUENCE LISTING   DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378   TIME: 09:58:59

Input Set : F:\51457-20020.00 - Seqlist.txt
Output Set: N:\CRF4\08222006\J564378.raw

```
267 gctcttccta taaatcgaat g                              21
269 <210> SEQ ID NO: 23
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Primer
277 <400> SEQUENCE: 23
278 tgatcaagtg atcggaagta g                              21
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 20
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Primer
288 <400> SEQUENCE: 24
289 gatggtctgc ttaattggaa                                20
291 <210> SEQ ID NO: 25
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Primer
299 <400> SEQUENCE: 25
300 acagaagatg gagaaggcaa                                20
302 <210> SEQ ID NO: 26
303 <211> LENGTH: 20
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Primer
310 <400> SEQUENCE: 26
311 attgtttctt tggcctggat                                20
313 <210> SEQ ID NO: 27
314 <211> LENGTH: 20
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Primer
321 <400> SEQUENCE: 27
322 catcccaaaa attgccagat                                20
324 <210> SEQ ID NO: 28
325 <211> LENGTH: 20
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Primer
332 <400> SEQUENCE: 28
333 tttgggcttt gccttaaatg                                20
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378   TIME: 09:59:00

Input Set : F:\51457-20020.00 - Seqlist.txt
Output Set: N:\CRF4\08222006\J564378.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 12
Seq#:101; N Pos. 7,25,43
Seq#:102; N Pos. 57
Seq#:103; N Pos. 24
Seq#:104; N Pos. 6
Seq#:109; N Pos. 24
Seq#:113; N Pos. 14,44
Seq#:236; N Pos. 7,25,43
Seq#:237; N Pos. 57
Seq#:238; N Pos. 24
Seq#:239; N Pos. 6
Seq#:244; N Pos. 24
Seq#:248; N Pos. 14,44
Seq#:568; N Pos. 12

VERIFICATION SUMMARY　　　　　　　　　DATE: 08/22/2006
PATENT APPLICATION: US/10/564,378　　TIME: 09:59:00

Input Set : **F:\51457-20020.00 - Seqlist.txt**
Output Set: **N:\CRF4\08222006\J564378.raw**

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:53 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:57 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:1137 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101
L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0
L:1152 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1156 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:102
L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0
L:1168 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:103
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0
L:1183 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1187 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:104
L:1188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0
L:1246 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1250 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:109
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
L:1298 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1302 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:113
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0
L:2771 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2775 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:236
L:2776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:2786 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2790 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:237
L:2791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:2802 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2806 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:238
L:2807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:2817 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2821 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:239
L:2822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:2880 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2884 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:244
L:2885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:2932 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2936 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:248
L:2937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:6671 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:6675 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:568
L:6676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568 after pos.:0